

Summary: Objective and Advantages

Accordingly, besides the objective and advantages of “whole grain corn” invention are as follows:

1. to provide in a single simple complex carbohydrate all that is necessary to achieve level blood sugar.
2. to provide a product in many convenient forms.
3. To provide a product that gives 24 hour therapy in level blood sugar.
4. To be cost effective.
5. To be available everywhere a person shops.

Operation:

Uncooked corn starch has 7-9 hours of absorption rate. Modified whole grain corn with one-third of itself course ground (2-millimeters in diameter) lengthens absorption rate up to 7-12 hours. The absorption rate of whole grain corn parallels the 24 hours activity profile of Lantus insulin.

There are 2 models of modified corn in said abstract of invention.

Model 1 - after whole grain corn is softened by water is chewable, even with dentures. Taste can be enhanced by adding flavoring and sweeteners; but not simple sugars.

Model 2 - lends itself to many edible forms; a tablespoon of said modified whole grain corn:

1. a tablespoon of whole ground corn alone.
2. a tablespoon of said corn mixed in a glass of water, milk, cup of coffee, 4 oz. yogurt, unsweetened applesauce, etc.
3. a tablespoon of said corn mixed with peanut butter, a spread or as is.
4. a tablespoon of said corn can be put in a small paper like packet for convenient use.
5. said model 2 can be processed with a tablespoon of said corn into a compressed tablet form.

Models 1 and 2 can be enhanced in taste by the use of sweeteners and flavoring; but in no case shall simple sugars be used. The integrity of “whole grain corn alone levels blood sugar” is the main thrust of the invention.

The invention is broad in its design use, and narrow in its outcome.

The invention calls for 25-30 grams of whole grain corn consumption in one day. The design further calls for 6-7 consumption times of 5 grams of said modified corn: 6 AM, 9 AM, 12 noon, 3 PM, 6 PM, 9 PM and bedtime.

The said use design with said absorption rate provides a safe, all the time, blood sugar level.

The said design use achieves level blood sugar where one night time use in other inventions fall far short of the ultimate goal.

Further consideration of objective, operation and advantages is that of convenience of use, cost, and easy to find. Both said models of modified whole grain corn is as use convenient as a pint jar of softened corn setting on the kitchen counter; or as use convenient as a box of said ground corn, a tablespoon measure, and a glass of water.

The compressed tablet or paper packet of said product extends convenience of use beyond the home.

Oh, yes, what about cost and easy to find in the market.

Said model 1 is as cost effective as a jar or pickles and would represent about one month's consumption.

Said model 2 about the same cost as a 5 pound package of all purpose wheat flour.

How easy to find? I searched in four major national markets, inquired about therapeutic diabetic blood products and found not one. One comment by a druggist was to the effect it cost too much to inventory with few sales.

My invention is affordable for every diabetic, and will be as easy to find as Kellogg Corn Flakes everywhere you shop.